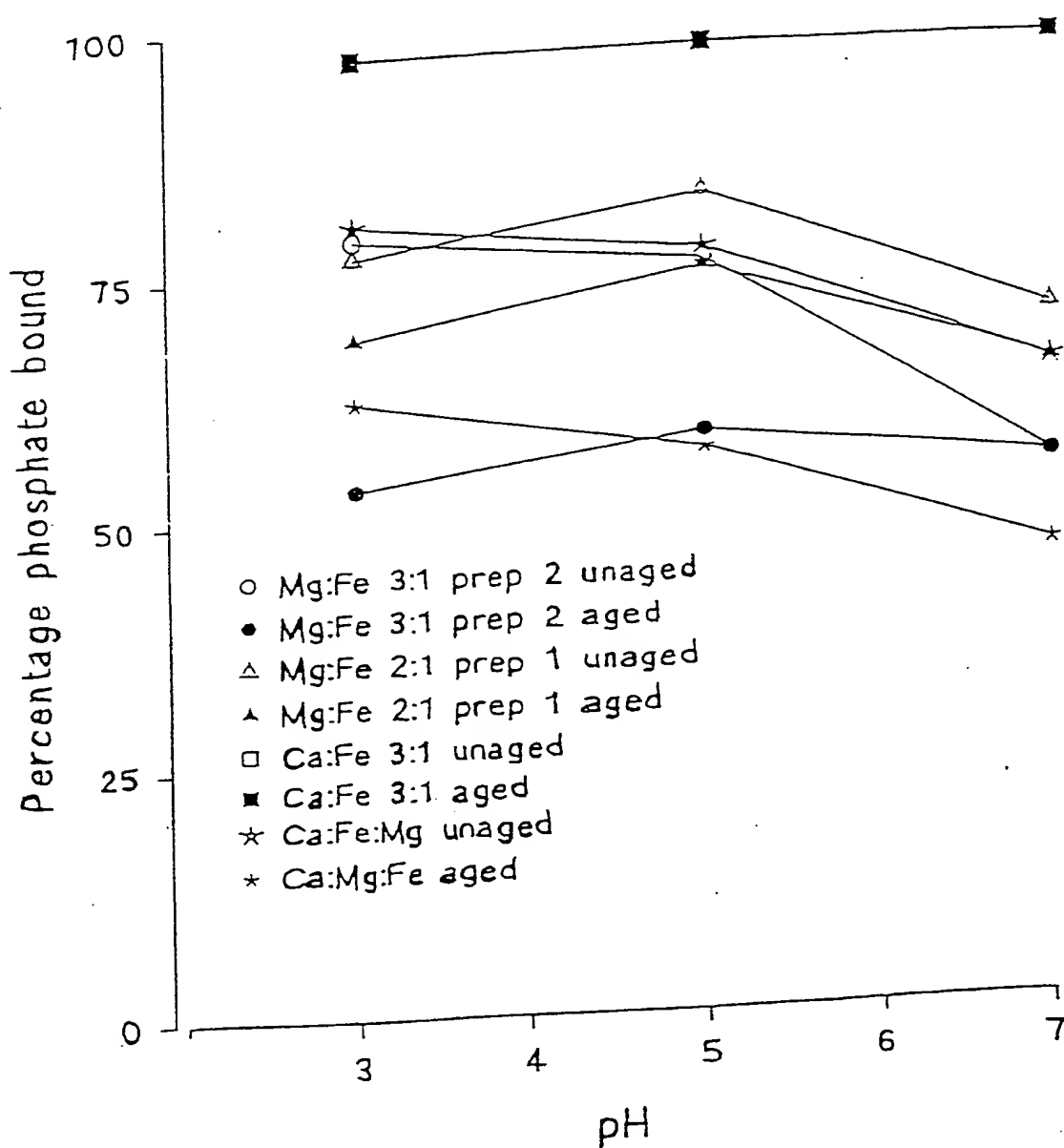


1/10

Figure 1:

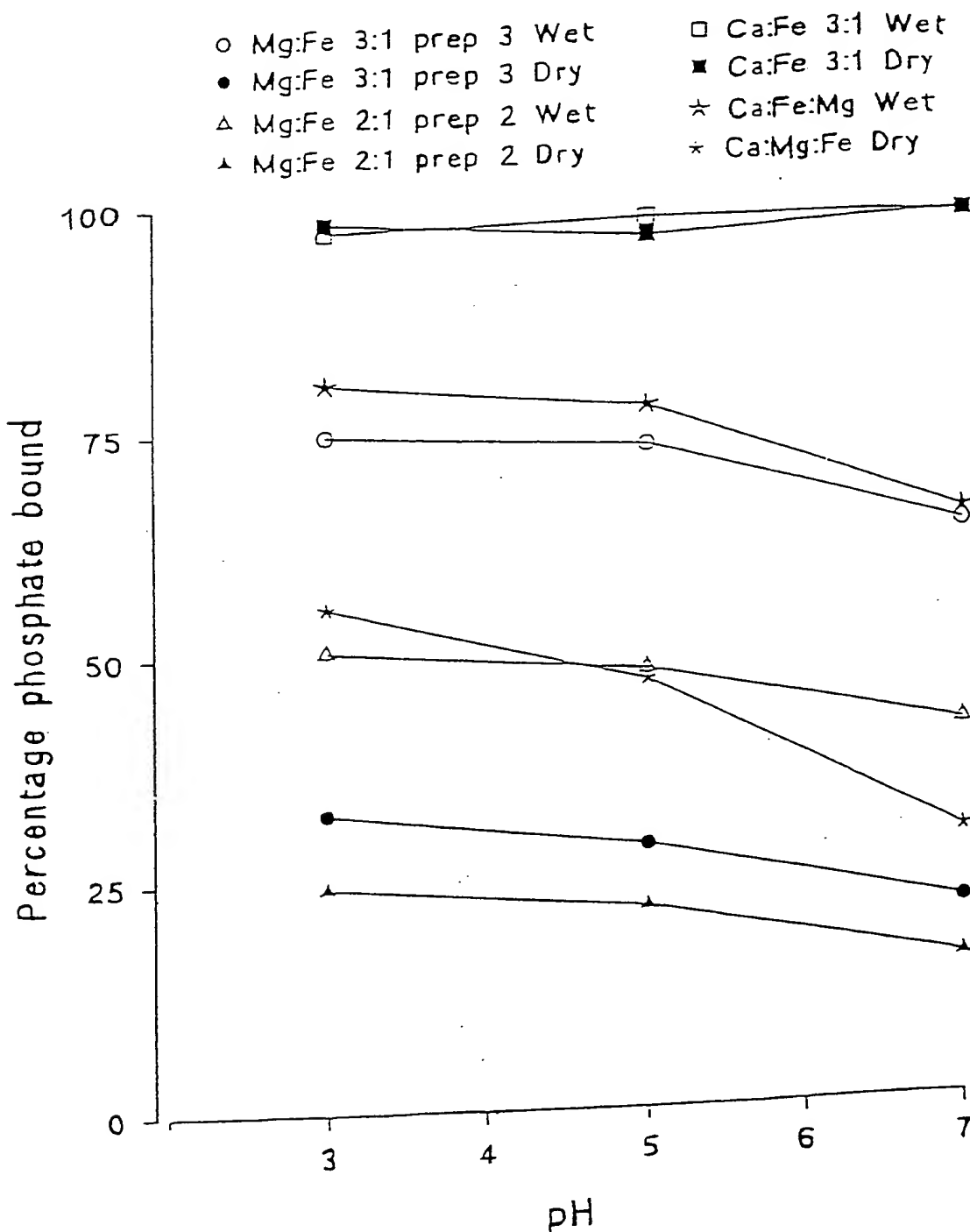
Effect of pH and ageing on percentage phosphate binding of mixed metal compounds



2/10

Figure 2:

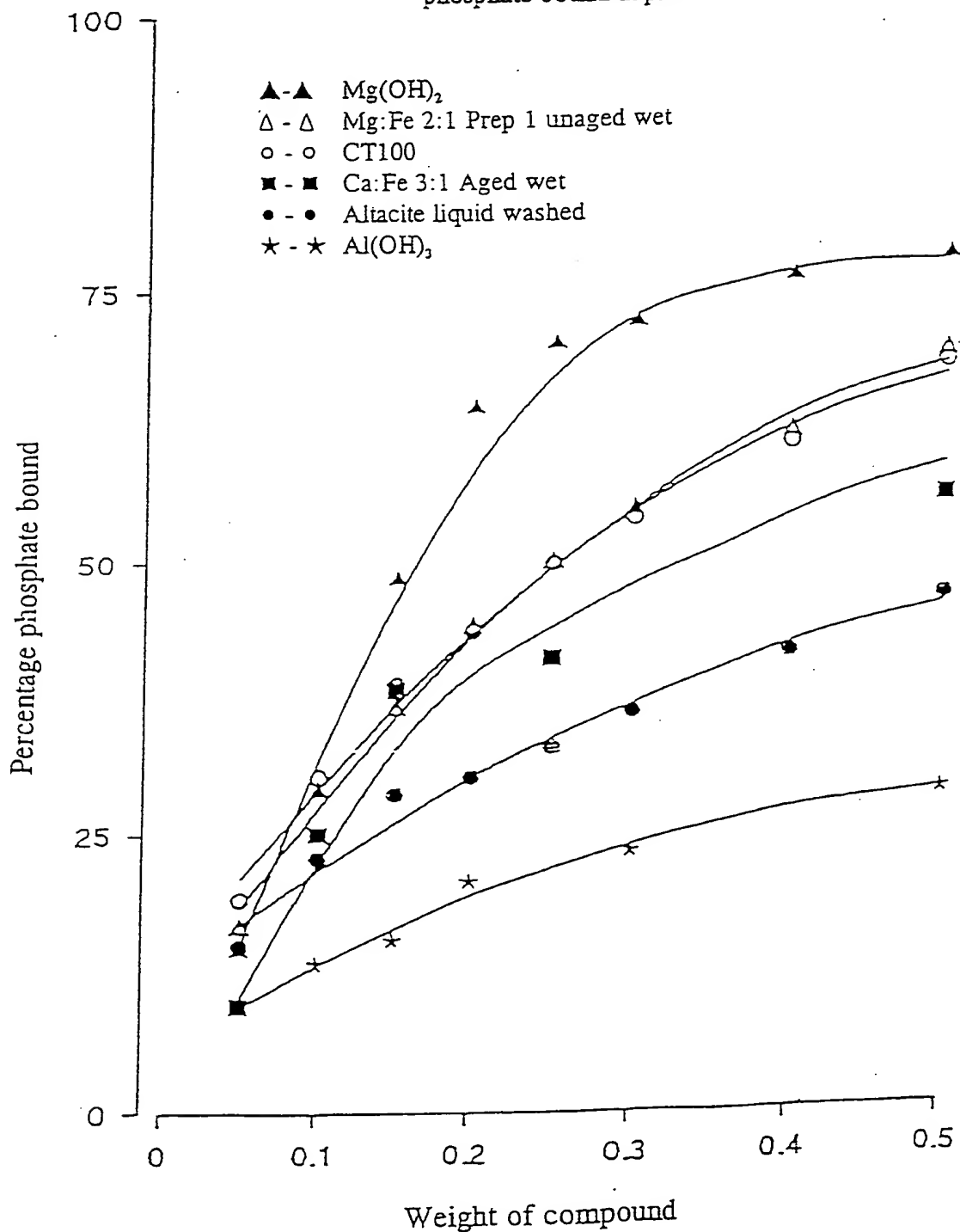
Effect of pH and drying on percentage phosphate  
binding of mixed metal compounds



3/10

Figure 3

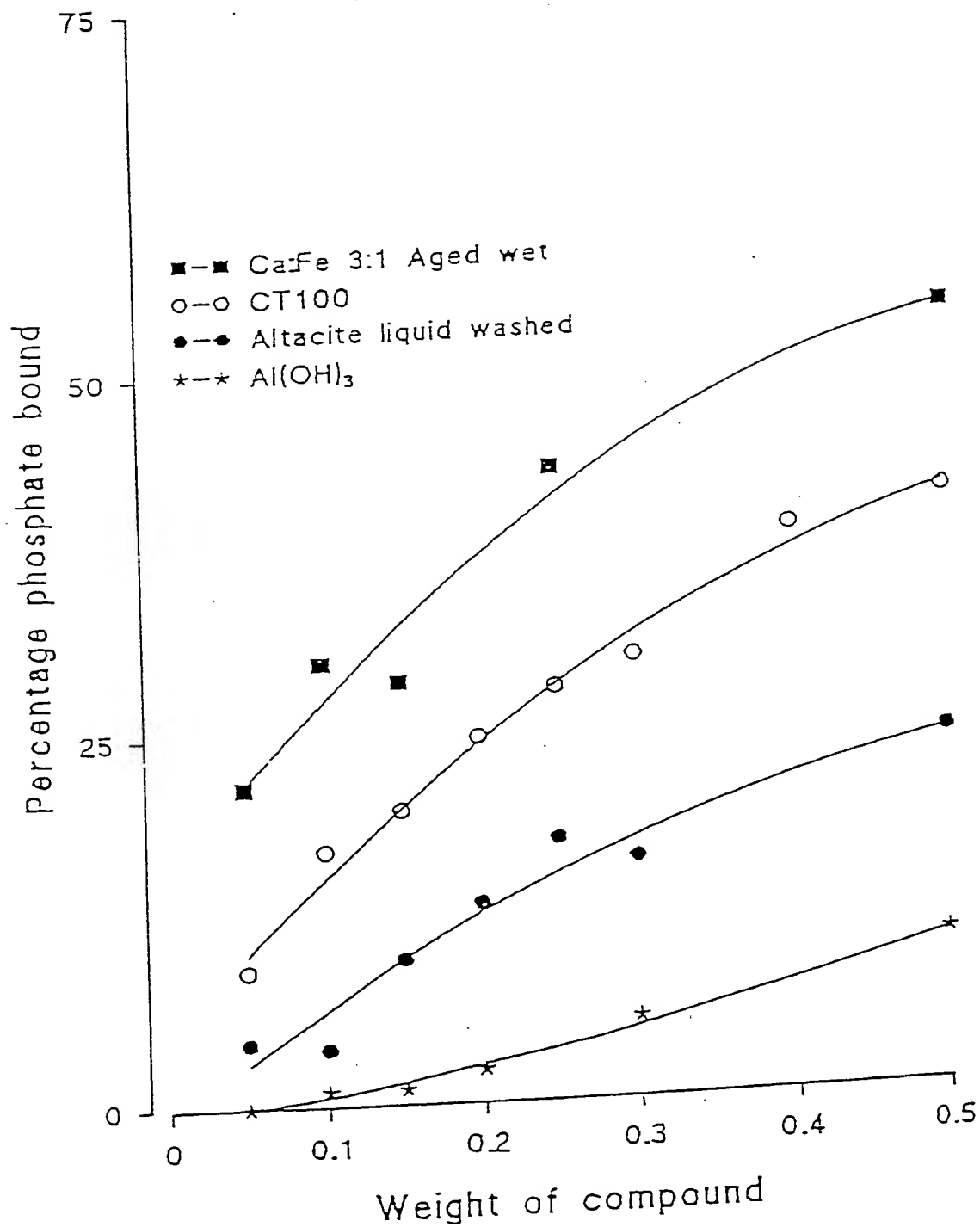
Effect of increasing weight of compound on percentage  
phosphate bound at pH3



4/10

Figure 4

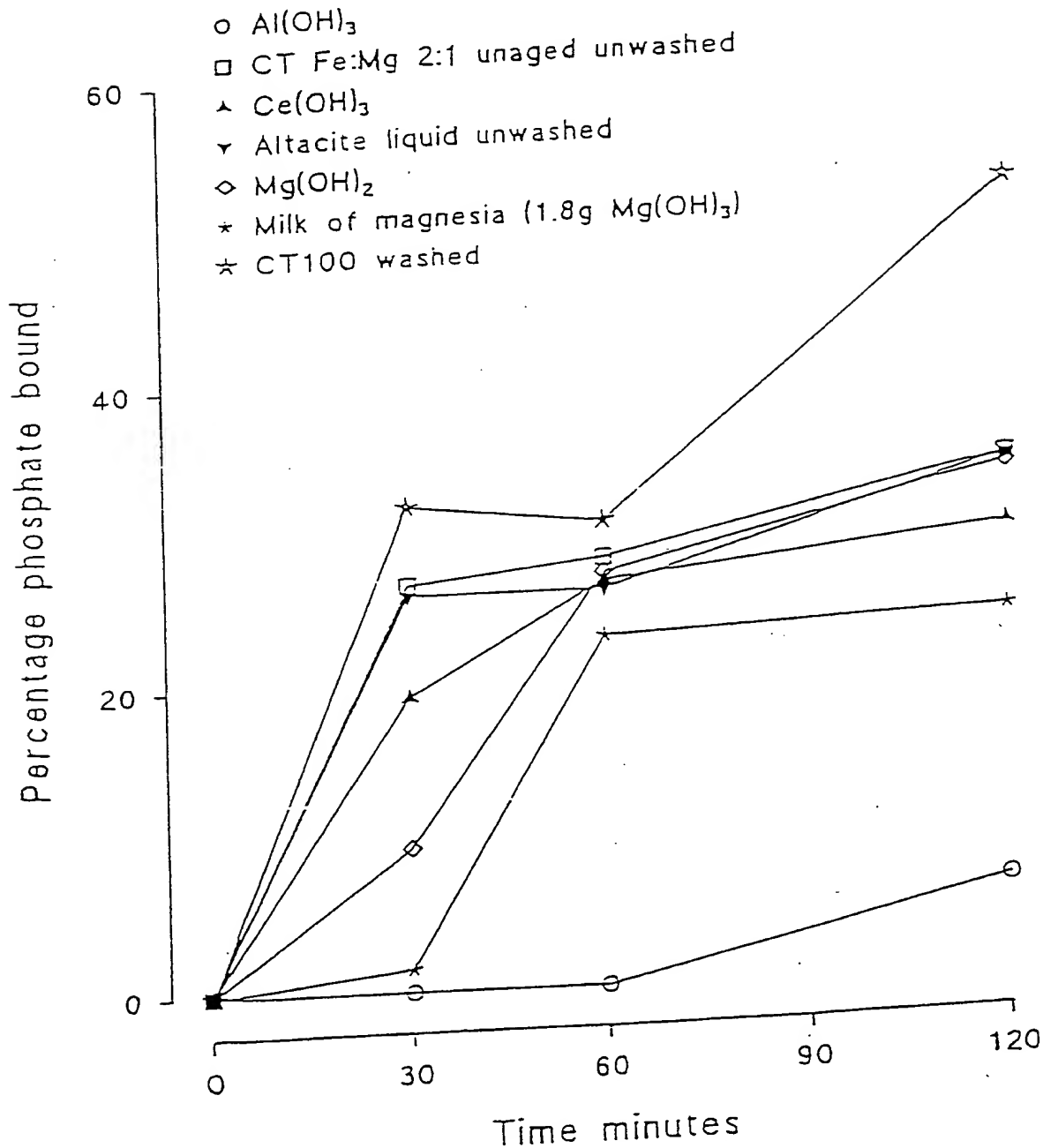
Effect of increasing weight of compound on percentage phosphate bound at pH7



5/10

Figure 5:

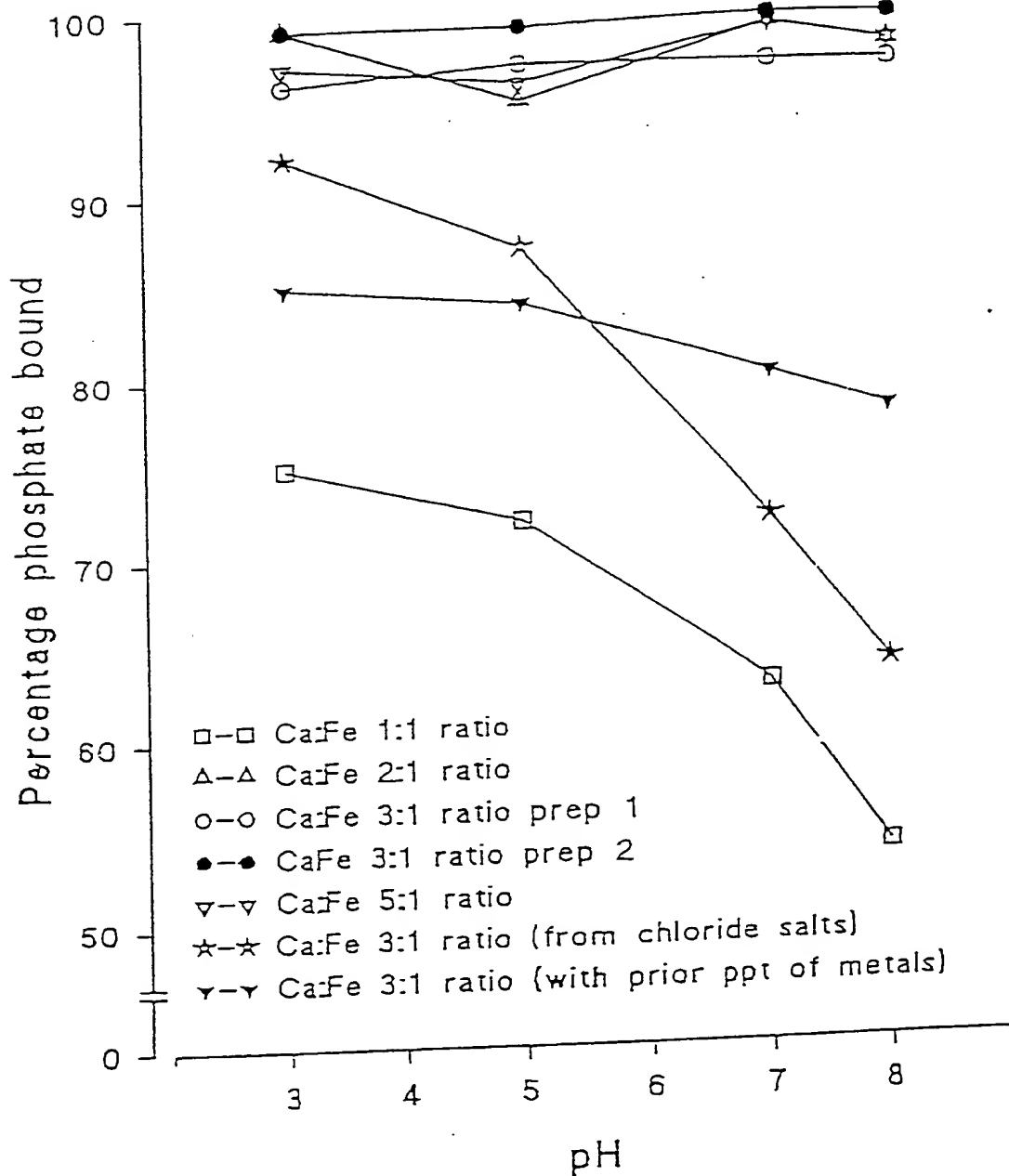
Time course of phosphate binding in food



6/10

Figure 6:

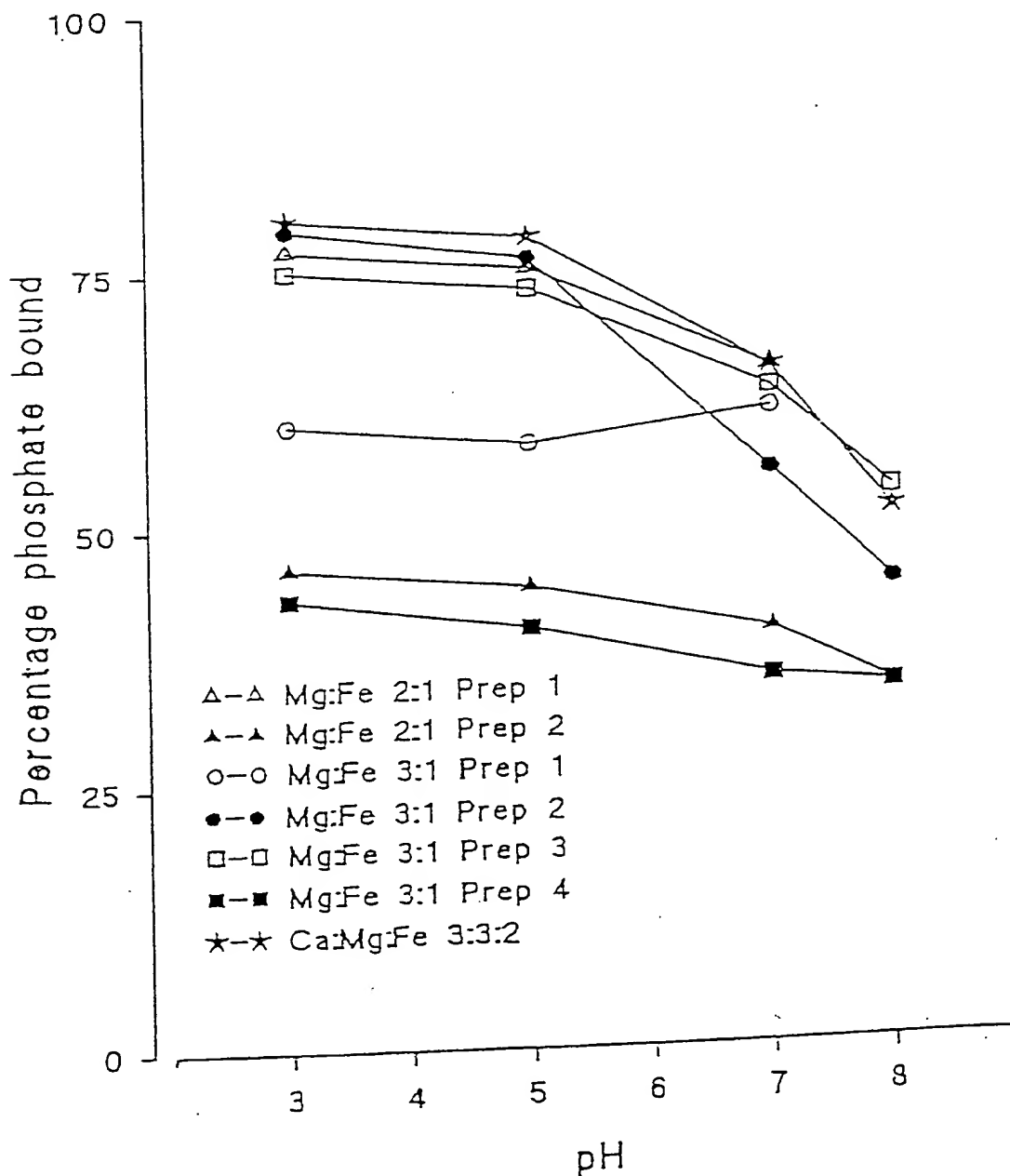
Phosphate binding by the calcium ferric iron preparations  
over the pH range 3-8



7/10

Figure 7:

Phosphate binding by the magnesium ferric iron and calcium magnesium ferric iron preparations over the pH range 3-8



8/10

Figure 8:

Phosphate binding by aluminium hydroxide, magnesium hydroxide and calcium carbonate over the pH range 3-8

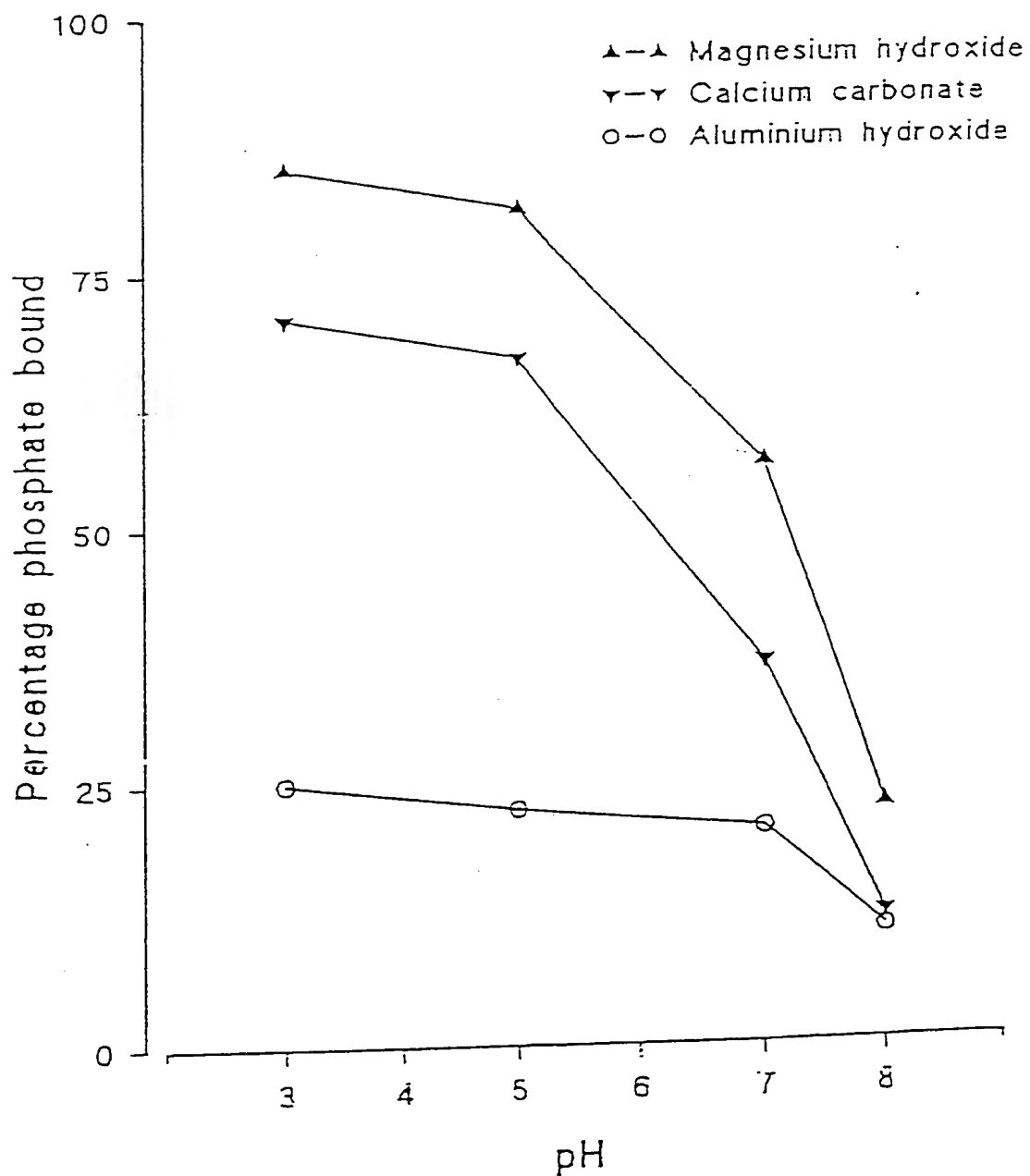
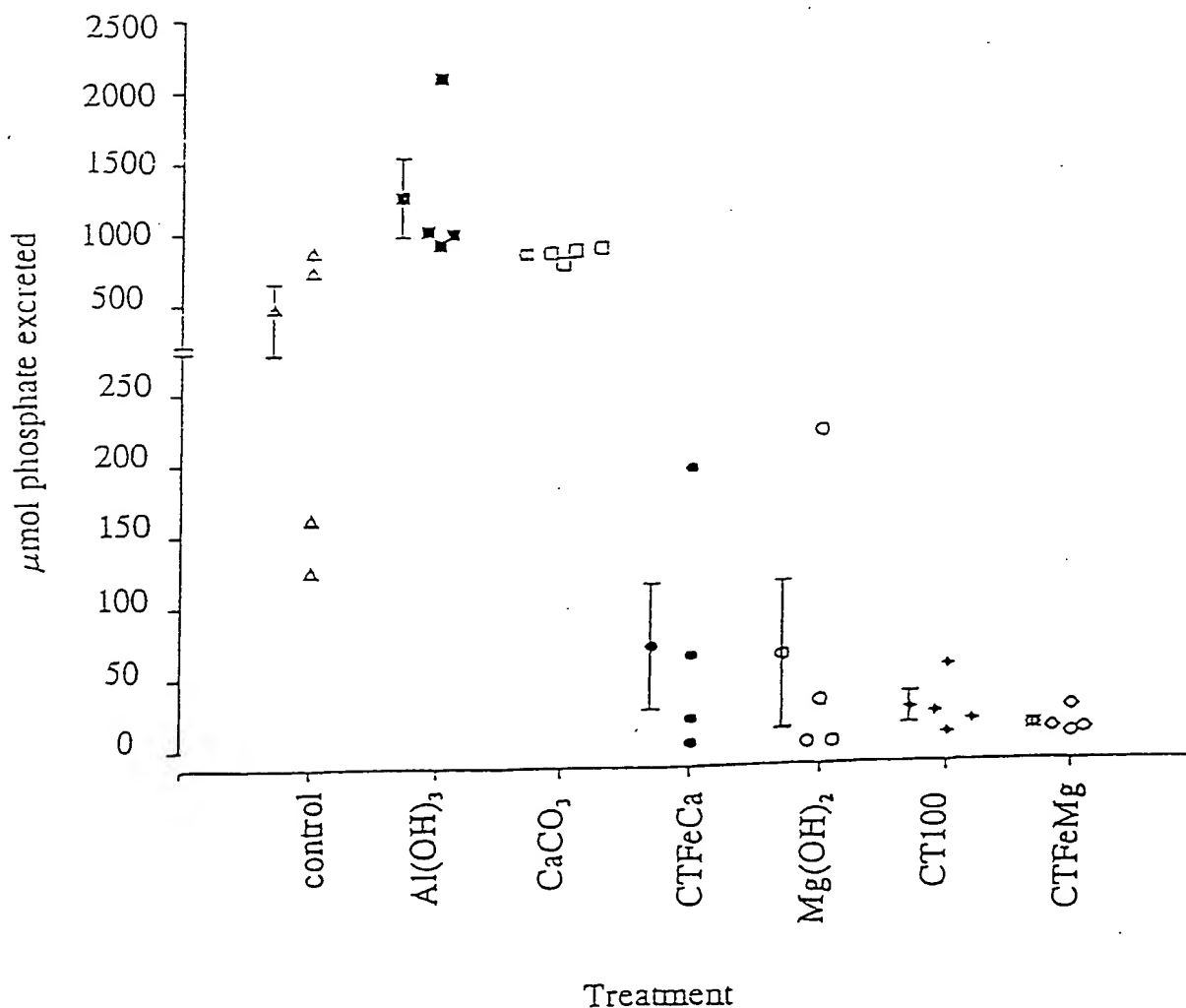




Figure 9: 9/10.

Individual and mean ( $\pm 1$ SEM) urinary phosphate excretion for control rats and those treated with phosphate binding compounds.

Individual values of urinary phosphate excretion ( $\mu\text{mol}/24$  hours) were plotted for controls ( $\Delta$ ) and animals treated with  $\text{Al}(\text{OH})_3$  ( $\blacksquare$ ),  $\text{CaCO}_3$  ( $\square$ ),  $\text{CTFeCa}$  ( $\bullet$ ),  $\text{Mg}(\text{OH})_2$  ( $\circ$ ),  $\text{CT100}$  ( $\blacklozenge$ ) and  $\text{CTFeMg}$  ( $\diamond$ ). Mean ( $\pm$  SEM) for each group are presented by points with error bars. \* $p < 0.05$  compared to  $\text{Al}(\text{OH})_3$  treated animal groups.



10/10

Figure 10

Mean (+1SEM) soluble faecal phosphate ( $\text{g}^{-1}$  dry weight as a percentage of total soluble and insoluble) faecal phosphate ( $\text{g}^{-1}$  dry weight) for control rats and those treated with phosphate binding compounds.

\* $p < 0.05$  compared to control and  $\text{CaCO}_3$  treated animals

$\Delta p < 0.05$  compared to  $\text{CaCO}_3$  treated animals

